

## ABSTRACT

A golf ball includes an outer spherical surface and a plurality of dimples formed thereon. In accordance to one aspect of the invention, the dimples in accordance to the invention have a polygonal perimeter and a substantially spherical, concave depression. The substantially spherical depression comprises a spherical depression and a transitional portion bridging the area between the polygonal perimeter and the spherical depression. In accordance to another aspect of the invention, one or more sides of the polygonal perimeter may be non-linear or curved. The dimples of the present invention may fill the ball's entire outer surface, or the dimples may occupy a predetermined pattern on the ball. The predetermined pattern may also include one or more channels or raised beads on the surface of the ball.